JC03 Rec'd PCT/PTO 2 4 OCT 2009

| FORM PTO-1390 (REV 5-93) | | U-S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NUMBER 026390-00030 | | | | |
|--|--|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | DATE: October 24, 2005 | | | | |
| | | | U.S. APPLICATION NUMBER (IF KNOWN, SEE 37 C.F.R. 1.5) 10/538,408 | | | | |
| 1 | L APPLICATION NUMBER | PRIORITY DATE CLAIMED | | | | | |
| PCT/JP2003/0159 | | December 12, 2003 | December 12, 2002 | | | | |
| TITLE OF INVE | | | | | | | |
| | FOR DO/EO/US: Masaaki CHII h submits to the United States D | BA (Saltama-ken, Japan) esignated/Elected Office (DO/EO/US) the following iter | ms and other information: | | | | |
| | | ncerning a filing under 35 U.S.C. 371. | • | | | | |
| 2. 🛭 This is | SECOND or SUBSEQUENT | submission of items concerning a filing under 35 U.S.C. | . 371. | | | | |
| | n express request to begin nation) indicated below. | nal examination procedures (35 U.S.C. 371(f)). The sub | omission must include items (5), (6), (9) | | | | |
| 4. 🔲 The U.S | . has been elected (Article 31). | | į | | | | |
| 5. | of the International Application | as filed [35 U.S.C. 371(c)(2)] | | | | | |
| a. 🗆 | ` • | y if not transmitted by the International Bureau). | | | | | |
| b. ∐ | has been communicated by the | | ie) | | | | |
| | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | |
| a. 🗆 | | | | | | | |
| ъ. 🗆 | | | | | | | |
| 7. 🗌 Amend | Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] | | | | | | |
| а. 🗆 | a. are attached hereto (required only if not transmitted by the International Bureau). | | | | | | |
| b. 🔲 | | | | | | | |
| c. ∐ | - | | | | | | |
| | d. have not been made and will not be made. | | | | | | |
| | | | | | | | |
| | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | | |
| | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. | | | | | | |
| Items 11 to 2 | Items 11 to 20 below concern other document(s) or information included: | | | | | | |
| | An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98, PTO/SB/08a, PTO/SB/08b, International Search Report and References (3). | | | | | | |
| 12. 🛭 An assi | An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. | | | | | | |
| 13. 🗌 A prelir | A preliminary amendment. | | | | | | |
| 14. 🗌 An App | An Application Data Sheet under 37 C.F.R. 1.76. | | | | | | |
| 15. 🗌 A subst | A substitute specification. | | | | | | |
| 16. | A power of attorney and/or change of address letter. | | | | | | |
| 17. | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. | | | | | | |
| 18. A secor | A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | |
| 19. 🗌 A secor | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | |
| | Applicant herein qualifies for small entity status under 37 C.F.R. 1.9 and 1.27, and acknowledgement of this status by the U.S. Patent and Trademark Office is hereby requested. | | | | | | |
| 21. 🛭 Other it | ems or information: Notification | of Missing Requirements (copy) | ď | | | | |

| ĺ | U.S. APPLICAT | | | INTERNATIONAL APPLICATION NUMBER | | ATTORNEY DOCKET NUMBER | | | |
|-------|---|--|-------|----------------------------------|--|------------------------|---------------------------------|--------------------------|---|
| | 10/538,408 | LL 37 C.1 .IC. | 1.50) | PCT/JP2003/015932 | | 026390-00030 | | | |
| | The following fees are submitted | | | | | CALCULATIONS | PTO USE ONLY | | |
| ļ | 22. Basic | 22. Basic National Fee \$300.00 | | | \$300.00 | \$ | | | |
| | 23. Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00 | | | | | S | | | |
| | 24. Search Fee Search Fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Search Authority \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00 | | | | | | \$ | | |
| ļ | TOTAL OF CALCULATIONS FOR 21, 22 AND 23 | | | | | \$ | | | |
| | | | | | s filed in paper over 10 ram listing filed in an o | | | | |
| | | | | | of paper or | | | | |
| | Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) | | | | Rate | 8 8 4 8 | 4.4 | | |
| | - 100 = | / 50 = | | | | | X \$250.00 | \$ | |
| | Surcharge of \$130.00 for furnishing the oath from the earliest claimed priority date [37 C | | | | n or declaration later than 20 🛭 30 months | | 30 months | \$ 130.00 | |
| | Claims | | | | Number Extra | Rate | | | |
| | Total Claims | | - 20 | = | | X \$ | 50.00 | \$ | |
| | Independent Claims | | - 3 = | | | X \$200.00 | | \$ | V |
| | Multiple depend | Multiple dependent claim(s) (if applicable) + \$360.00 | | | | 60.00 | \$ | | |
| | TOTAL OF ABOVE CALCULATIONS = | | | | **** | \$ 130.00 | | | |
| | Reduction by one-half for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28). SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later the 20 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. | | | | | \$ | | | |
| | | | | | | \$ 130.00 | | | |
| | | | | | | □ 30 | \$ | | |
| | TOTAL NATIONAL FEE = | | | | | \$ 130.00 | | | |
| | Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be | | | | | must be | | . /// | |
| | accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + | | | | | | \$ 40.00 | | |
| į | TOTAL FEES ENCLOSED = \$ 170.00 | | | | | | | | |
| 10/27 | /27/2005 ATRAN1 00000144 10538408 | | | | | Amount to be refunded | \$ | | |
| 01 FC | FC:1617 130.00 0F Charged \$ | | | | | | \$ | | |
| | Check #435355 in the amount of \$170.00 to cover the above fees is enclosed. Please charge my Deposit Account Number 01-2300 in the amount of \$00 to cover the above fee. A duplicate copy of this sheet is enclosed. C. In Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account Number 01-2300, referencing Attorney Docket Number 026390-00030. NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | |
| | SEND ALL CO Customer Num ARENT FOX I 1050 Connection Suite 400 Washington, D | aber 004372 PLLC cut Avenue, N | ıw | | |) ~~~ | Jengi | E Quam In | |
| | Telephone: 20 | | | 8-4810 | - | - 6 | George D. Ora Registration N | im, Jr. Jumber 27,931 | |



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/538,408 | Masaaki Chiba | 026390-00030 |

INTERNATIONAL APPLICATION NO.

PCT/JP03/15932

I.A. FILING DATE PRIORITY DATE

12/12/2003

12/12/2002

4372 ARENT FOX PLLC 1050 CONNECTICUT AVENUE, N.W. SUITE 400 WASHINGTON, DC 20036

CONFIRMATION NO. 3607
371 FORMALITIES LETTER
OC000000017200482

Date Mailed: 10/13/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/10/2005
- Copy of the International Search Report filed on 06/10/2005
- Preliminary Amendments filed on 06/10/2005
- Request for Immediate Examination filed on 06/10/2005
- U.S. Basic National Fees filed on 06/10/2005
- Priority Documents filed on 06/10/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath
 or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the
 missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/538,408 | PCT/JP03/15932 | 026390-00030 |

FORM PCT/DO/EO/905 (371 Formalities Notice)